

C2/754

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: James R. WANGEROW  
Chakravarthy SISHTLA  
Andy H. HILL  
Michael ONISCHAK

Serial No.: 10/015,042

Filing Date: 26 October 2001

Title: COMPACT COMBINED SHIFT AND  
SELECTIVE METHANATION REACTOR  
FOR CO CONTROL

RECEIVED  
FEB 01 2002  
TC 1700

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

In accordance with Rules 1.56 and 1.98, References AA-AH listed on Sheet 1 of Form PTO-1449 are cited and discussed on Page(s) 3-5 of the referenced patent application and are brought to the attention of the Examiner as being possibly material to examination of this application.

I hereby certify that this correspondence (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on

07 January 2002

07 Jan 2002  
Date

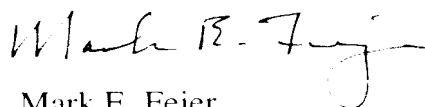
William R. F.  
Signature

Serial No.: 10/015,042

The remaining references listed on Form PTO-1449 are also brought to the attention of the Examiner as being possibly material to examination of this application.

Form PTO-1449 (3 page(s)) is enclosed with a copy of each and every reference cited on Form PTO-1449.

Respectfully submitted,



Mark E. Fejer  
Regis. No. 34,817

Gas Technology Institute  
1700 South Mount Prospect Road  
Des Plaines, Illinois 60018  
TEL (847) 768-0832; FAX (847) 768-0802

FORM PTO-1449  
(MODIFIED)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

IGT-1419

SERIAL NO.

10/015,042

**LIST OF PRIOR ART CITED BY APPLICANT**

(Use several sheets if necessary)

APPLICANT(S)

James R. WANGEROW et al.

FILING DATE

26 October 2001

GROUP

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	6,066,410	05/2000	Auer et al.			
	AB	6,007,934	12/1999	Auer et al.			
	AC	5,939,220	08/1999	Gunner et al.			
	AD	5,922,488	07/1999	Marucchi-Soos et al.			
	AE	5,843,195	12/1998	Aoyama			
	AF	5,712,052	01/1998	Kawatsu			
	AG	5,071,719	12/1991	Rostrup-Nielsen et al.			
	AH	4,910,099	03/1990	Gottesfeld			
	AI	6,177,002	01/2001	Glover			
	AJ	5,958,216	09/1999	Glover			
	AK	5,344,849	09/1994	Ayasse			

RECEIVED  
FEB 01 2002  
TC 1700

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

**OTHER PRIOR ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR		
	AS		
	AT		

EXAMINER

DATE CONSIDERED

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

p1005.1/20

FORM PTO-1449  
(MODIFIED)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

IGT-1419

SERIAL NO.

10/015.042

**LIST OF PRIOR ART CITED BY APPLICANT**

(Use several sheets if necessary)

APPLICANT(S)

James R. WANGEROW et al.

FILING DATE

26 October 2001

GROUP

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,225,391	07/1993	Stonehart et al.			
	AB	5,128,307	07/1992	Wanjek et al.			
	AC	5,030,440	07/1991	Lywood et al.			
	AD	4,847,231	07/1989	Grätzel et al.			
	AE	Re. 32,104	04/1986	Gray			
	AF	4,546,091	10/1985	Sheppard et al.			
	AG	4,491,564	01/1985	Gray			
	AH	4,252,736	02/1981	Haag et al.			
	AI	4,177,252	12/1979	Chinchen			
	AJ	3,884,838	05/1975	Fleming et al.			
	AK	3,787,468	01/1974	Fleming et al.			

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

**OTHER PRIOR ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR		
	AS		
	AT		

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

p1005.1/20

FORM PTO-1449  
(MODIFIED)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

IGT-1419

SERIAL NO.

10/015,042

**LIST OF PRIOR ART CITED BY APPLICANT**

(Use several sheets if necessary)

APPLICANT(S)

James R. WANGEROW et al.

FILING DATE

26 October 2001

GROUP

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	3,718,418	02/1973	Fleming et al.			
	AB	3,615,164	10/1971	Baker et al.			
	AC	3,488,171	01/1970	Baker et al.			
	AD	3,438,759	04/1969	Linden et al.			
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

RECEIVED  
FEB 01 2002  
TC 1700

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

**OTHER PRIOR ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR		
	AS		
	AT		

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

p1005.1/20